

Massachusetts Department of Public Health

Arbovirus Surveillance Program Report

Key Public Risk Communication Messages for This Week:

MDPH identified the first West Nile virus positive mosquito sample collected on 6/29/21 in Medford. Intense regional precipitation events and continued warm weather will support increased populations of WNV and EEE mosquito vectors.

Check your risk levels throughout the season by visiting our interactive site <https://www.mass.gov/info-details/massachusetts-arbovirus-update>

Please review the 2021 MDPH Surveillance and Response Plan for updates to risk levels and risk messaging. <https://www.mass.gov/doc/2021-arbovirus-surveillance-and-response-plan/download>

Establish good mosquito avoidance habits now

• Teach children to be aware of mosquito activity around them and avoid it	
• Pick a repellent with an EPA-approved active ingredient	• Use long sleeves to cover up when possible
• Remove standing water to help reduce mosquito populations	• Repair screens

Several 30 second PSA videos are available for download and use on your website to help promote prevention activities to your residents. These can be found at www.mass.gov/mosquitoesandticks

WNV and EEE Virus Surveillance Summary	
Results contained in this report reflect data inclusive of MMWR Week 26 (Sunday, 06/27/2021-Saturday, 07/03/2021)	
Mosquito Surveillance	
Number of Mosquito Samples Tested	1142
Number of WNV Positive Samples	1
Number of EEE Positive Samples	0
Equine/Mammal Surveillance	
Number of Mammal Specimens Tested	0
Number of WNV Positive Horses	0
Number of EEE Positive Horses	0
Number of other EEE Positive Mammals	0
Human Surveillance	
Number of Human Specimens Tested	15
Number of Human WNV Cases	0
Number of Human EEE Cases	0

Summary of 2021 Mosquito Samples Tested Massachusetts State Public Health Laboratory													
MMWR Week: (Specimens Tested)	Berkshire County MCP	Bristol County MCP	Cape Cod MCP	Central MA MCP	Dukes County MCP	East Middlesex MCP	Norfolk County MCP	Northeast MA MCP	Pioneer Valley	Plymouth County MCP	SLI	Suffolk County MCP	Total Tested
24 (6/13-6/19/2021)	18	12	22	17	0	0	19	19	17	17	200	0	341
25 (6/20-6/26/2021)	17	13	27	16	0	0	6	13	17	40	133	0	282
26 (6/27-7/3/2021)	24	15	42	54	0	16	16	17	18	18	291	8	519
Total	59	40	91	87	0	16	41	49	52	75	624	8	1142

Numbers reflect finalized results; data are subject to change as additional test results are finalized.

**Cumulative Confirmed and Probable Human Chikungunya Virus Infections and Dengue Fever Cases
Reported in Massachusetts by County of Residence, 2021**
(These data are current as of 07/07/2021 and are subject to change)

County	Chikungunya virus infection	Dengue Fever
Barnstable	0	0
Berkshire	0	0
Bristol	0	0
Dukes	0	0
Essex	0	0
Franklin	0	0
Hampden	0	0
Hampshire	0	0
Middlesex	0	0
Nantucket	0	0
Norfolk	0	0
Plymouth	0	0
Suffolk	0	0
Worcester	0	0
Total	0	0

Note: Cases listed above were travel-acquired unless otherwise noted.